

Appl. No. : 10/775,882

Response to the Final Office Action of September 20, 2006

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**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Previously presented): A method for transmitting frames in a wireless local area network, a frame passing through a repeater and a bridge, the method comprising the steps of:

transmitting a frame from a source station to the repeater, wherein the frame comprises a basic service set identifier field, a source address field and a destination address field;

replacing the content of the basic service set identifier field by an identifier of the bridge;  
and

transmitting the replaced frame from the repeater to the bridge,

wherein the bridge transmits an acknowledgement frame to the repeater, and the repeater will not forward this acknowledgement frame to the source station.

Claim 2 (Original): The method for transmitting frames in a wireless local area network of Claim 1, wherein the repeater transmits an acknowledgement frame to the source station after receiving the frame transmitted from the source station.

Claim 3 (Cancelled)

Claim 4 (Original): The method for transmitting frames in a wireless local area network of Claim 1, wherein the frame further comprises a first field and a second field, the first field is set to logic one for indicating that the frame is transmitted to a distribution system, and the second field is set to logic zero for indicating that the frame is not transmitted from a distribution system.

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Claims 5-9 (Cancelled)